Index of Claims	

Application No.	Applicant(s)	_
10/825,670	SHIN ET AL.	
Examiner	Art Unit	_
Chuong A. Luu	2818	

√	Rejected
11	Allowed

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
ı	Interference

Α	Appeal
0	Objected

Claim								,											,				_
1 = 1 = 51 52 33 = 53 53 34 = 54 55 55 56 57 = 57 8 = 57 8 = 57 58 59 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Cla	aim					Date	<u> </u>					Cla	aim					Date	•			_
2 = 1 3 = 1 52 3 = 1 53 3 = 1 54 4 = 1 54 54 55 55 55 55 55 55 56 60 57 7 = 1 57 7 = 1 57 7 = 1 57 7 = 1 57 7 = 1 58 9 = 1 59 9 = 1 59 9 = 1 60 60 60 60 61 11 11 12 12 13 14	Final	Original	7/5/07										Final	Original									
3 = 1 53 54 55 55 55 55 55 55 55 55 55 56 57 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		1	=				Г							51									
4 = 5 = 55<		2	=																				
5 = 6 = 55 56 56 57 58 57 58 59 57 58 59 5			=	L																L			L
6 = 1 7 = 1 556 57 57 8 = 1 58 59 60 60 61 61 61 61 61 61 61 61 61 61 61 62 62 63 63 63 63 63 63 64 64 64 65 66 66 66 66 66 66 66 66 67 68 69 70 70 70 70 70 71 71 72 72 72 72 72 72 72 73 73 73 74 74 74 74 <td></td> <td></td> <td>=</td> <td></td> <td></td> <td></td> <td>L</td> <td>_</td> <td></td> <td>_</td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td>L</td>			=				L	_		_		•								_			L
7 = 8 = 9 = 10 = 111 = 12 = 13 = 62 = 13 = 63 = 64 = 65 = 66 = 17 = 68 = 19 = 20 = 21 = 22 = 23 = 24 = 25 = 26 = 27 = 28 = 29 = 30 = 31 = 32 = 33 = 34 = 35 = 36 = 37 = 33 = 34 = 35 = 36 =			-	L	_	<u>L</u>	<u> </u>	<u> </u>	L		_								_	ļ	<u> </u>		L
8 = </td <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td>L</td> <td><u></u></td> <td></td> <td></td> <td></td> <td>-</td> <td>_</td> <td></td> <td>_</td> <td>_</td> <td></td> <td><u> </u></td> <td></td> <td> -</td>				_		_	_	_	_	L	<u></u>				-	_		_	_		<u> </u>		-
10			-	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>					⊢	_		_	_	_		_	Ļ
10			-	┝	-		┢		⊢	 					├-			-	⊢			\vdash	H
111 = 61 12 = 62 13 = 63 14 = 64 15 = 65 16 = 66 17 = 66 18 = 68 19 = 68 20 = 70 21 = 71 22 = 72 23 = 73 24 = 74 25 = 75 26 = 76 27 = 77 28 = 78 29 = 79 30 = 80 31 = 81 32 = 83 33 = 84 35 = 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 <td< td=""><td>\vdash</td><td></td><td></td><td>-</td><td>-</td><td>\vdash</td><td>⊢</td><td>_</td><td>-</td><td>-</td><td></td><td></td><td></td><td></td><td>╌</td><td></td><td></td><td>-</td><td>-</td><td>\vdash</td><td>_</td><td><u> </u></td><td>╀</td></td<>	\vdash			-	-	\vdash	⊢	_	-	-					╌			-	-	\vdash	_	<u> </u>	╀
12	-		-		-	⊢	┢		-	-	_				├	-	-	┝	┝	\vdash		┢	┝
13 = 63 14 = 64 15 = 66 16 = 66 17 = 66 18 = 68 19 = 68 20 = 70 21 = 71 22 = 73 24 = 74 25 = 75 26 = 76 27 = 77 28 = 78 29 = 79 30 = 80 31 = 81 32 = 82 33 = 83 34 = 84 35 = 85 36 86 37 87 38 88 39 90 40 90 41 92 43 94 44 94 48 99	-		-	H		┢	┢		┢╌	┢				62	-	_		┢	-	-		\vdash	╁
14 = 64 15 = 66 16 = 66 17 = 68 18 = 68 19 = 69 20 = 70 21 = 71 22 = 72 23 = 73 24 = 74 25 = 75 26 = 76 27 = 77 28 = 78 29 = 79 30 = 80 31 = 81 32 = 82 33 = 83 34 = 84 35 = 85 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 94 44 94 48 99	_		-	┢		\vdash	╁		\vdash	\vdash					╁	_		\vdash	\vdash	\vdash			┢
15	—		-	\vdash		┢	 		 	Н	-			64	Т	_		\vdash	\vdash				H
16 = 66 17 = 68 18 = 68 19 = 69 20 = 70 21 = 71 22 = 72 23 = 74 24 = 74 25 = 75 26 = 76 27 = 77 28 = 79 30 = 80 31 = 81 32 = 83 33 = 83 34 = 84 35 = 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99			=			\vdash	Т	-		\vdash													T
17 = 67 18 = 68 19 = 68 20 = 70 21 = 71 22 = 73 23 = 73 24 = 75 26 = 76 27 = 77 28 = 78 29 = 79 30 = 80 31 = 81 32 = 83 33 = 83 34 = 84 35 = 85 36 = 86 37 = 87 38 = 89 40 = 90 41 = 91 42 = 92 43 = 94 44 = 95 96 = 97 48 = 99			Ξ	Г			Π							66								Г	Γ
19 = 69 20 = 70 21 = 71 22 = 72 23 = 73 24 = 74 25 = 75 26 = 76 27 = 77 28 = 79 30 = 80 31 = 81 32 = 82 33 = 83 34 = 84 35 = 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 95 46 96 47 97 48 98 49 99			=				Γ							67									Γ
20 = 70 21 = 71 22 = 73 23 = 73 24 = 74 25 = 75 26 = 76 27 = 77 28 = 78 29 = 79 30 = 80 31 = 82 33 = 83 34 = 84 35 = 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99		18	=																				
21 = 71 22 = 72 23 = 73 24 = 74 25 = 75 26 = 76 27 = 77 28 = 78 29 = 79 30 = 80 31 = 81 32 = 82 33 = 83 34 = 84 35 = 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 45 96 46 96 47 97 48 98 49 99			=								·			69									L
22 = 23 = 24 = 25 = 26 = 27 = 28 = 29 = 30 = 31 = 32 = 33 = 33 = 34 = 35 = 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99			=						<u></u>	L							_		ļ	_			L
23 = 73 24 = 74 25 = 75 26 = 76 27 = 77 28 = 78 29 = 79 30 = 80 31 = 81 32 = 82 33 = 83 34 = 85 36 86 86 37 87 88 39 89 90 41 91 92 43 94 94 44 94 94 45 96 96 47 97 98 48 99 99	<u></u>					L.	<u> </u>		L_	_					_			_	_				L
24 = 74 25 = 75 26 = 76 27 = 77 28 = 78 29 = 79 30 = 80 31 = 81 32 = 83 33 = 84 35 = 85 36 86 37 87 38 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 99	ļ					L	<u> </u>	<u> </u>	<u> </u>	ļ	L_				<u> </u>			_	_	_	<u> </u>	<u> </u>	L
25 = 75 26 = 76 27 = 77 28 = 78 29 = 79 30 = 80 31 = 81 32 = 83 33 = 84 35 = 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 99	<u></u>			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	_				<u> </u>	_		<u> </u>	<u> </u>		_	⊢	┞
26 = 76 27 = 77 28 = 78 29 = 79 30 = 80 31 = 81 32 = 83 33 = 84 35 = 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 99	<u> </u>		⊢	_	┞	 	-	<u> </u>	┞	<u> </u>	<u> </u>				⊢	-	<u> </u>	-	<u> </u>		-	⊢	┞
27 = 77 28 = 78 29 = 79 30 = 80 31 = 81 32 = 82 33 = 83 34 = 85 36 86 86 37 87 88 39 88 89 40 90 90 41 91 92 43 92 93 44 94 94 45 96 96 47 97 98 49 99 99				<u>-</u> -	⊢	⊢	┢	├-			_				├-	_		┝	┢		-	 	┞
28 = 78 29 = 79 30 = 80 31 = 81 32 = 82 33 = 83 34 = 84 35 = 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 99			-	┢	⊢		├		-	\vdash					-	 	-	H			├	┢	⊦
29 = 79 30 = 80 31 = 81 32 = 82 33 = 83 34 = 84 35 = 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99					┢	\vdash	╁	\vdash	 	-	-		_		╁─	-	-	\vdash	_	_	\vdash	-	H
30 = 80 31 = 81 32 = 82 33 = 83 34 = 84 35 = 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 99				┢	╁	╁	╁	-	_	H	-	1	<u> </u>		 				-	\vdash	-	┢	H
31 = 81 32 = 83 33 = 83 34 = 85 35 = 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 99 49 99			-	H	┢	-	 	\vdash							╁	\vdash	\vdash	 	 	 	\vdash	\vdash	t
32 = 82 33 = 83 34 = 84 35 = 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			╘	_	1								-		\vdash		\vdash	Г	\vdash				T
33 = 34 = 35 = 36 85 37 86 38 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			=						T	\vdash	<u> </u>	1		82	\vdash			_				Г	T
35 = 85 36 86 37 88 38 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			=			T						1		83									Γ
36 86 37 88 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			Ξ																				L
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			=			<u>L</u>	L			<u> </u>	<u></u>		L	85	<u> </u>			_	_		<u> </u>		L
38 88 39 90 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>	乚			_		_	_	L			86			L	<u> </u>	_			<u> </u>	L
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>			ļ	<u> </u>	<u> </u>			<u> </u>	_	<u> </u>				┡		<u> </u>	_	<u> </u>		<u> </u>	<u> </u>	-
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>	38		┞	<u> </u>	ļ	-	<u> </u>	<u> </u>	<u> </u>		ļ		88	<u> </u>		<u> </u>	<u> </u>	<u> </u>	_	L	 	Ļ
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>		_	<u> </u>	├	├-	-	<u> </u>	_	_	⊢				-		<u> </u>	<u> </u>	├	-	┡		H
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>			┢	H	├	-		├-		\vdash	ł		90	\vdash	_	\vdash	├	├	├—	 	┢	Ͱ
43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>		┢	├-	├-	├	\vdash	┢	\vdash	⊢		ł				l-			╁─	-		╁	⊦
44 94 45 95 46 96 47 97 48 98 49 99	-			╁	┢	├—	-	-	-	┢	╢	ł			\vdash	\vdash		 	╁	H	\vdash	┢┈	H
45 95 96 96 97 97 97 98 98 99 99 99 99 99 99 99 99 99 99 99	\vdash	44	-	╁	\vdash	T	H	Н	\vdash	-	┢	i		94	1		\vdash		I^-	\vdash	\vdash	╁	t
46 96 97 97 98 98 99 99 99 99 99 99 99 99 99 99 99		45	Н	T	\vdash		_		\vdash	_		i				\vdash			T			┢	T
47		46		i –	Ī.							1		96									Γ
49 99 99		47					Ľ							97									I
]		98		\Box		Ľ	匚	_	<u> </u>		Ĺ
50		49			Ļ		<u> </u>	_	_		<u> </u>	1	<u> </u>	99	<u> </u>	_	_	<u> </u>	\vdash	<u> </u>	<u> </u>	—	1
	L	50			<u>L</u> .	<u>L_</u>	<u> </u>	<u> </u>				J	L	100	<u> </u>	_	<u> </u>	L	L	L_	L		L

Cla	im				Ţ	Date				
Final	Original									
	51									
	52 53									
	53									
	54									
	55									
	56									
	57									
	58									
	58 59									
	60									
	61									
	62 63						-			
	63									
	64									
	65							_		_
	66									-
	67									
	68									
	69	_	_	_	_	-			_	_
	70				_	_				_
	71	H					_		_	
	72	_	-	_		-	_	-		
	72 73 74		_					_	_	
	74		Н							\vdash
-	75			_	-					
	75 76	Н			\vdash	-		_		
	77	-					_		_	\vdash
\vdash	78	-	-		\vdash	_	_	\vdash		\vdash
<u> </u>	78 79	-			\vdash	-	\vdash		<u> </u>	
	80	-			 	_	-	_	_	_
	81	-			⊢	-	\vdash		H	
-	82	\vdash	-			-	-	\vdash	\vdash	-
-	83	$\vdash\vdash$	H	-	 	-	-	H	\vdash	\vdash
-	84	-			 	-	\vdash	<u> </u>	\vdash	\vdash
-	85	\vdash			\vdash	\vdash	\vdash	-	-	
-	86			\vdash	\vdash	 		\vdash	-	\vdash
	87	$\vdash\vdash$	-	<u> </u>	 	-	-	\vdash	\vdash	-
\vdash	88	\vdash		_	\vdash	\vdash		-		
-		-			┝	\vdash	\vdash	\vdash	_	-
-	89 90	\vdash	\vdash		\vdash	-	-	-	<u> </u>	┝
<u></u>	91	\vdash	-		\vdash	-	\vdash	-	\vdash	\vdash
-	91	$\vdash\vdash$	\vdash			├—	 - 		\vdash	\vdash
	93	\vdash	\vdash		 	-	H	\vdash	<u> </u>	-
<u> </u>		\vdash			-	\vdash	\vdash			-
<u> </u>	94	\vdash	—		-	 	H	\vdash	<u> </u>	-
-	95	Н		\vdash	-		├-	\vdash	\vdash	\vdash
	96	\vdash	\vdash			 	-	-	<u> </u>	\vdash
-	97	\vdash	\vdash	<u> </u>	⊢		-	-	 	\vdash
-	98 99	-		\vdash	\vdash	├		-	-	\vdash
\vdash	100	<u> </u>	-	\vdash	├	\vdash	\vdash	\vdash	├	├

									ı		
CI	aim	Data									
Cla		_	Date								
Final	Original										
	101										
	101 102									\Box	
	103										
	104										
	105	Ш								Ш	
	106 107						_	_		Ш	
	107									Ш	
	108				-				Н	Н	
	109 110					-	_	_		Н	
	111		_	\vdash	_	-	-			Н	
	112	Н		\vdash			\vdash	_	-	-	
	112 113 114 115	\vdash		_		Н	H		\vdash	H	
	114	\vdash					Т		Г	Н	
	115										
	1116										
	117									Ш	
	117 118 119						L.				
	119	Ш			_				_	Ш	
	120 121		_		_	<u> </u>	_		-	Н	
	121			_		<u> </u>		-	-	\vdash	
	122 123 124	-		\vdash	-			_		Н	
	124			\vdash	_	-				Н	
	125		_	_		Г		\vdash	_	П	
	126									П	
	125 126 127										
	128 129									Ш	
	129			_		_		ļ		Ш	
	130	<u> </u>		<u> </u>		_		<u> </u>		Ш	
	131 132			_	_		_	ļ	L	Н	
	133				<u> </u>			├	-	Н	
	134	\vdash	_	-	<u> </u>	\vdash	-	-	-	Н	
	134 135	-		Н	-	\vdash	\vdash		-	Н	
	136	_		П		<u> </u>	_	 	Г	Н	
	137										
	138										
	139						<u> </u>	<u> </u>			
	140			_	_	_		_			
	141		_	<u> </u>		_	_	-	-	\vdash	
	142 143	-	_	\vdash	-	\vdash	┝	\vdash	\vdash	\vdash	
	144	-		┢	\vdash	⊢	\vdash	-	\vdash	H	
	145	\vdash	\vdash	H	-	\vdash	\vdash	\vdash	H	H	
	146	H		\vdash	_	Г	-		T	Н	
	147			l							
	148										
	149						oxdot	L		Ш	
	150							1		Ш	